

Nautical





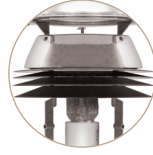
Nautical



LED



HID



Tech



Bollards

Nautical environments have had lighting fixtures in them for as long as there has been artificial light. The need for visual indications of land, in the case of light houses, and other vessels has always been a life safety issue. The rugged construction needed to withstand wind and waves shaped the designs of all Nautical lighting equipment. The Nautical series from Sternberg is no different. Seaside environments can be harsh, requiring heavy castings and lens materials to withstand the elements.

Features

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Designs

Several configurations of the nautical theme are represented in Sternberg's product offering beginning with post top Del Rey, Del Sol and Harbortown luminaires. These products slip over a three inch pole shaft and faithfully represent luminaires that have been found in seaside locations for many decades.

The Harborside series is a shaded and suspended luminaire with a small scale borosilicate glass lamp envelope. The Harbortown bollard rounds out the offering with a smaller scale low level product that is as home on a pedestrian walkway as it is on a marina boardwalk.



Del Mar Series



Harborside Series



Del Rey Series



Del Sol Series



Harbortown Series

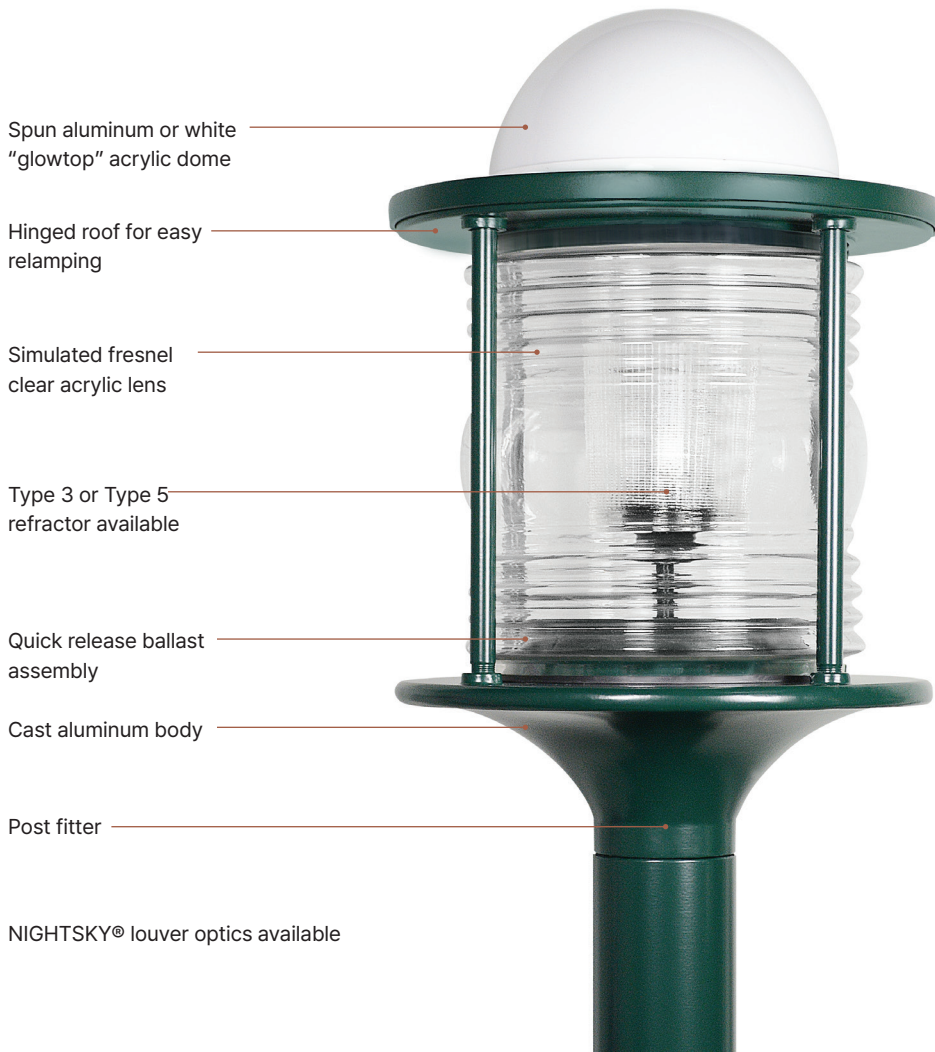


Harbortown Bollard



Features

The Harbortown luminaire family is designed around the classic Fresnel lens used in lighthouse designs from the early days of sailing vessels. True to the nature of the design the light source is centered within the lens and the molded prisms refract light outward and downward. Mounting options for this luminaire are many and can be modified to fit almost any application with standard and custom arm variations. Bollard designs include a simple straight smooth shaft and an industrial looking multiple shaft design.



Wall Mount



Spun Aluminum Roof Available



Bollards

Nautical Matrix



340B-803
Harbortown



340BLED-803
Harbortown



346B-806
Harbortown



806LED-346B
Harbortown Series



1460
Del Sol



1470
Del Rey



1480
Del Mar



1480LED
Del Mar Series



1817
Harbortown



1827
Harbortown



CRS22
Harborside

See website for DLC approved fixtures

FIXTURE	DIMENSIONS		LED	HID OPTICS					LIGHT DISTRIBUTION					EPA ft ²	WT. lbs
	Width	Height		RE	LO	HSS	GJ	G10	2	3	3R	4	5		
340B-803 Harbortown	8"	60-3/8"		■	■	■	■	■					■	N/A	N/A
340BLED-803 Harbortown	8"	60-3/8"	■							■			■	N/A	N/A
346B-806 Harbortown	6"	59-3/4"		■	■	■	■	■					■	N/A	N/A
806LED-346B Harbortown Series	9-1/2"	48	■							■		■	■	N/A	N/A
1460 Del Sol	28"	26"		■	■	■				■			■	1.125	26
1470 Del Rey	28"	28"		■	■	■				■			■	1.3	26
1480 Del Mar	24"	28-1/2"		■	■	■				■			■	1.25	26
1480LED Del Mar Series	24"	28-1/2"	■							■		■	■	1.34	38
1817 Harbortown	14-3/8"	22-7/8"		■	■	■				■			■	1.5	28
1827 Harbortown	19"	28"		■	■	■				■			■	2.5	33
CRS22 Harborside	22-1/4"	18-3/4"					■	■						0.65	12

RE = Refractor LO = Louver Optic HSS = House Side Shield RO = Roof Optic LR = Louver Refractor FMC = Frosted Mission Chimney BLOC = Back Light Optical Control



Technical

Light Sources



LED

The luminaire has LED light sources and roof mounted, down-lighting optics.

Optics



Refractors (RE)

6" diameter borosilicate glass with an I.E.S. Type 3 or 5 distribution. Secured to the socket stem with 3/8" plated steel threaded pipe nipple, it rests on a cast aluminum holder with anti-shock gasket. The refractor is secured to cast holder with a quarter-turn internal aluminum twist ring for ease of maintenance.



NIGHTSKY® OPTI-SHIELD® Louver Optic System (LO)

A multi-tier reflector with 7" diameter rings to produce an I.E.S. Cut - off Type 3 or 5 distribution. Made of highly specular anodized aluminum and comes standard with medium base socket.



Louver Reflector

Stacked louvers provide a central cavity for an HID lamp and serve to direct light in a downward direction while limiting upward stray light and light emitted in the glare zone of 60 to 90 degrees above nadir.

House Side Shields



HSS

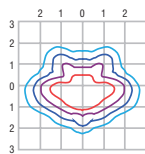


HSS-2



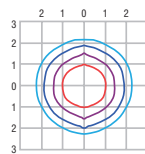
HSSP Perforated

Light Distribution



STREET SIDE

3



STREET SIDE

5



**Located in Roselle, Illinois
Engineered, Tested and Assembled in the USA!**

Sternberg has created a legacy of old world craftsmanship that dates back to the company's inception in 1923. The work ethic and product innovations that made the early Sternberg company successful are still being practiced by our employees today. Our dedicated staff, attention to detail, and quality production processes are what make Sternberg a world class company.

Sternberg serves the municipal, landscape, higher education and commercial markets providing efficient and cost effective lighting solutions to the outdoor market.

See our complete catalog online at:
www.sternberglighting.com



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